

## Electricity:

- Incentives
  - Green pricing programs to encourage use of green electricity
  - Tax breaks toward renewable usage/installation
  - Streamlined review process for renewable generation project permitting
  - Pricing structure to make renewables more attractive
  - Increase economies of scale by increasing demand
  - Encourage de-centralized electricity production with net-metering
  
- Education
  - Convince public of long term gains
  - Direct knowledge of public's personal carbon-footprint
  - Differentiate between peak vs. non-peak hours consumption
  
- Technology & Research
  - Establish uniform policies
  - Actively promote and research new technologies
    - Tidal, wind
  - Smart electrical meters
    - Price signals encourage behavioral changes
    - Identify where energy leaks are within building
    - Ensure equipment is running at peak efficiency
  - Smart appliances
    - Ability to cycle down during peak hrs
    - Turn off automatically when not in use

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- Removes human error
- State computer- management software- turn off when not being used
- Develop and consume energy locally
- Install Priority Power Distribution systems (computer) to use electricity efficiently
  
- Financial
  - Start alternative energy trust
  - Tap into alternative compliance fund
  - Create energy efficiency fund like Cambridge, MA (public and private) for loans and grants to improve building efficiency around electricity use (this idea also applies to the thermal sector)

## Transportation:

- Incentives
  - Tax credits
  - Reduced/free/easy parking for electric vehicles
  - Subsidies for hybrids, electric vehicles
  - State demand renewable in transportation contracts
  - Pay as you drive insurance
  - Behavioral changes
    - Promote telecommuting and flexible schedules
  
- Education

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- Learn from other States (ex. CA, NY)
- Anti-idling behavior
  
- Technology & Research
  - Increase CAFE standards
  - Alternative Fuels or transportation
    - Biodiesel
      - Availability
      - Public awareness/visibility
      - Mechanical logistics
    - Hydrogen reactors
    - Algae
    - Cellulosic ethanol
  - Develop in-state biodiesel production facility
  
- Financial
  - Mass transit- increase funding
  - Subsidize green government vehicles, school busses, etc.
  - Encourage E85 vehicles
  - Increase gas tax and change allocation of this tax to renewable fuels
  - Fees for mobile sources- differential/congestion pricing

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## Thermal:

- Incentives
  - Tax credits/exemptions
    - Installation of renewable thermal energy systems
  - Create renewable energy trust similar to MA
  - Grants for old house envelope and other retrofits
  - Encourage suppliers of thermal renewable energy technology to NH
  - Revolving loan fund for aggregate projects
- Education
  - Consumers and businesses- technical knowledge (how to) – master website for everything
  - Coordinate with NH Tech's energy efficient installation program
  - Learn from European technologies
  - Residential Energy Education- mobile unit
  - Public access to information regarding personal footprint.
    - Website
    - Information Coordinator
    - Learn from Nashua's Green Team – use as model.
- Technology & Research
  - Energy transmission across grid
  - Take audits of existing structures for energy efficiency and focus on higher return investments
- Financial
  - New investment infrastructure – financing and private equity firms.

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- Standardization
  - Requirements for appliances
  - Certification for energy efficiency
  - Require efficiency standards for State buildings, even those leased from private sector
  - Permitting
    - Air Permits- possible barrier to retrofitting for renewable thermal applications
  - Building code
    - Educate building inspectors
    - Increase number of code officials
    - Improve training
  - Adopt stricter code (similar to CA, which has a stricter code than International Standard)
    - Allow more conduits for new construction
    - Performance measurements when building changes hands (e.g. England )
    - Apply international standards to all renovations
    - Improve compliance with existing building codes